CEC

entertainment

SPT TECHNICAL SUPPORT DEPARTMENT

CEC Stage DVD Conversion

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Parts Inventory

1. Sony DVD Player Model # DVP-NS575P
2. 13" Color Monitor Daewoo Model # DTQ-13V5FC
3. RCA Female to Female jack coupler (Jameco part # 228267CA)
4. Qty 2 RCA Male to BNC Female adapter (Jameco part # 114753CR)
5. BNC Male to female/female T-adapter (Jameco part # 118594CR)
6. 6" RCA to RCA cable that comes with the DVD Player.
7. New DVD EPROM for the 68HC11 CPU. (27C256 Jameco part # 39722CA)

RCA Female to Female jack coupler

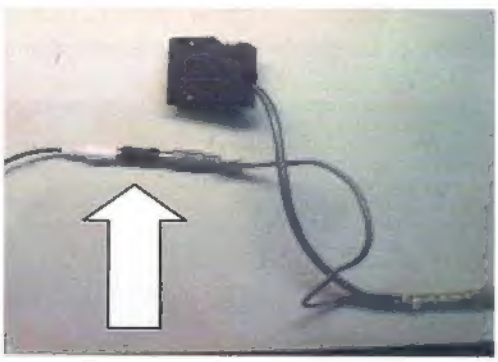
Qty 2 RCA Male to BNC Female

BNC Male to Female/Female T-adapter

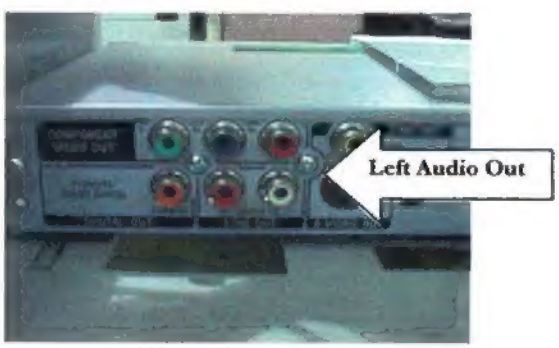
Installation Instructions

Installation should always be done from Monday to Wednesday Only

1. Before beginning the installation of the new DVD System, take inventory of all items in the kit to be sure that you have received everything required to complete the installation.
2. Power Down the entire rack system including the amplifiers.
3. Disconnect all the cables to the JVC VCR and remove it from the rack. Save the JVC VCR in a secure place for emergency use later should you need it.
4. Place DVD Player in place of the removed JVC VCR.
5. The Black connector that plugged into Remote on the back of the JVC VCR has a RCA cable that comes out of it. This cable will be used for Data, using the RCA female to female coupler plug one end into the RCA cable from the black remote harness as pictured below.

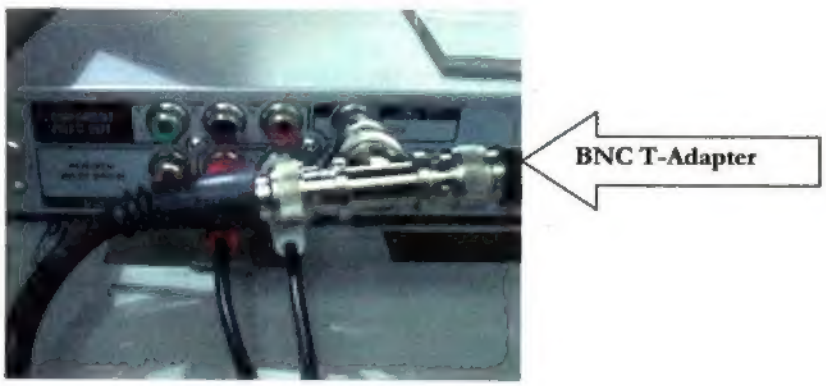


6. Next take the 6' White RCA male to male cable and plug into the other end of the female to female coupler as shown in the picture above.
7. Now plug the other end of the white RCA plug into the Left audio out of the DVD Player.



8. Now take the Red 6' RCA male to male cable and connect from Right audio out of the DVD player and go to the L1 input of the A/V switcher. This will be for the show audio.

9. Now using the RCA male to BNC female adapter connect to the yellow video out of the DVD Player. Then connect to the adapter the BNC T-Adapter as shown in the picture below.



10. Connect one BNC to BNC cable from the T-Adapter and go to the Video In 1 input of the A/V Switcher.

11. Place the monitor that came with the conversion kit on the top of the Rack. The other end of the adapter that was just placed unto the DVD Player needs to go to the yellow video input of the Monitor. This will allow you to select the type of show to play.
12. Next you will need to remove the 68HC11 CPU from the Card cage. Using an IC puller you will need to carefully remove the EPROM from the board. See picture below to identify the EPROM you will need to remove, which should be labeled Cyberstar Version 1.6 or 1.7.

13. After you have removed the EPROM, insert the replacement Cyberstar DVD v 1.0 EPROM unto the 68HC11 CPU board. **Before installing, insure that notch on the EPROM is facing the connector above the socket. If the EPROM is installed backwards to may cause it to fail.**
14. Install the 68HC11 CPU back into the card cage and power up. After the test screens are done the display should now read DVD DATA.
15. Now power up the entire rack including the new DVD Player and amplifiers.
16. Using the remote that came with the DVD Player, press the menu button. A menu screen should now appear on the monitor placed on top of the rack.
17. Using the arrow keys on the remote, highlight the menu option "**Play Show**" and then hit the select button.
18. The show should now begin to play and the Title of the first show should appear on the display.
19. Check for video and audio through out the venue. Once the first show has started verify that all the characters are moving. **Note: Pay care full attention to the lightning especially the character spots. If the wink spot comes off and on and the CEC Character is singing however there is no spot light on him this would mean that the show stage type is wrong. Please call the SPT Technical Support Department at 785 862 6002 for a code to correct the stage type setting.**
20. To play a Birthday show, Live show or run diagnostic, use the DVD remote to select the **"Menu"** Button and then using the arrow key highlight the type of show you would like to play and then press the **"select"** button.
21. **Once you have completed the Installation, please notify the SPT Technical Support.**

Important Note: If you replace the DVD Player it's very important to go into settings and change the Audio DRC (dynamic range control) from normal to TV Mode. This will help give the proper audio levels to operate the system correctly.

Operating Instructions

Starting the Show

1. Turn on the DVD Player and the rest of the components found in the Show Rack.
2. Using the DVD player remote press the **"Menu"** Key.
3. A Menu should now be displayed on the Monitor. Using the arrow keys on the remote, highlight the "**Play Show"** option and then press the **"Select Key"** on the remote to begin the show.
4. The LCD display above Card Cage should now read the Title of the first show and the audio and video should begin to play through out the venue.

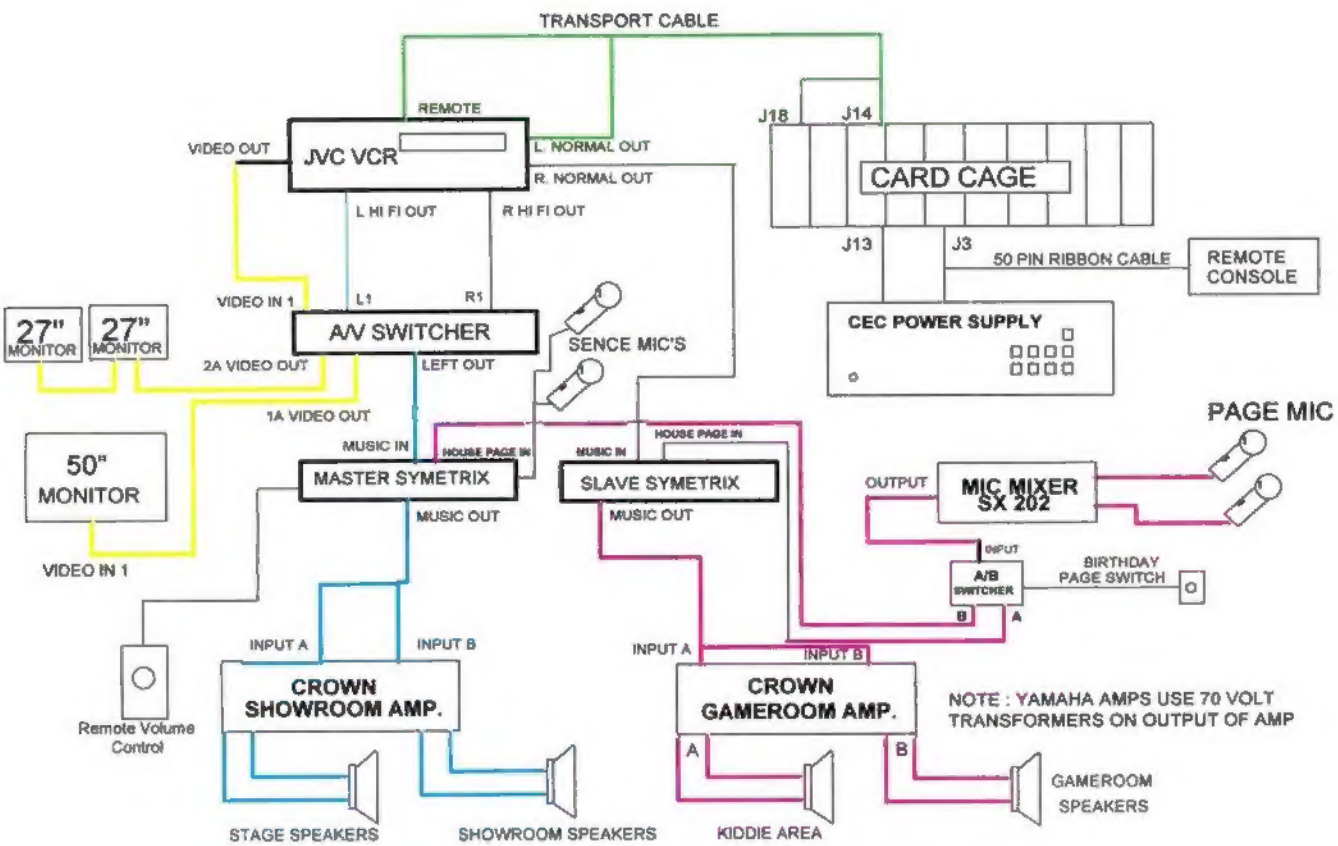
Playing a Birthday or Live Show

1. Using the DVD remote press the Menu Key.
2. A Menu should now be displayed on the Monitor. Using the arrow key highlight the type of show you would like to play. Once the type of show you want to play is highlighted press the **"Select Key".**
3. The show should now begin to play and once it has ended will automatically go back into the regular show.
4. It's always a good idea to not begin a Live or Birthday show while a regular show is playing.

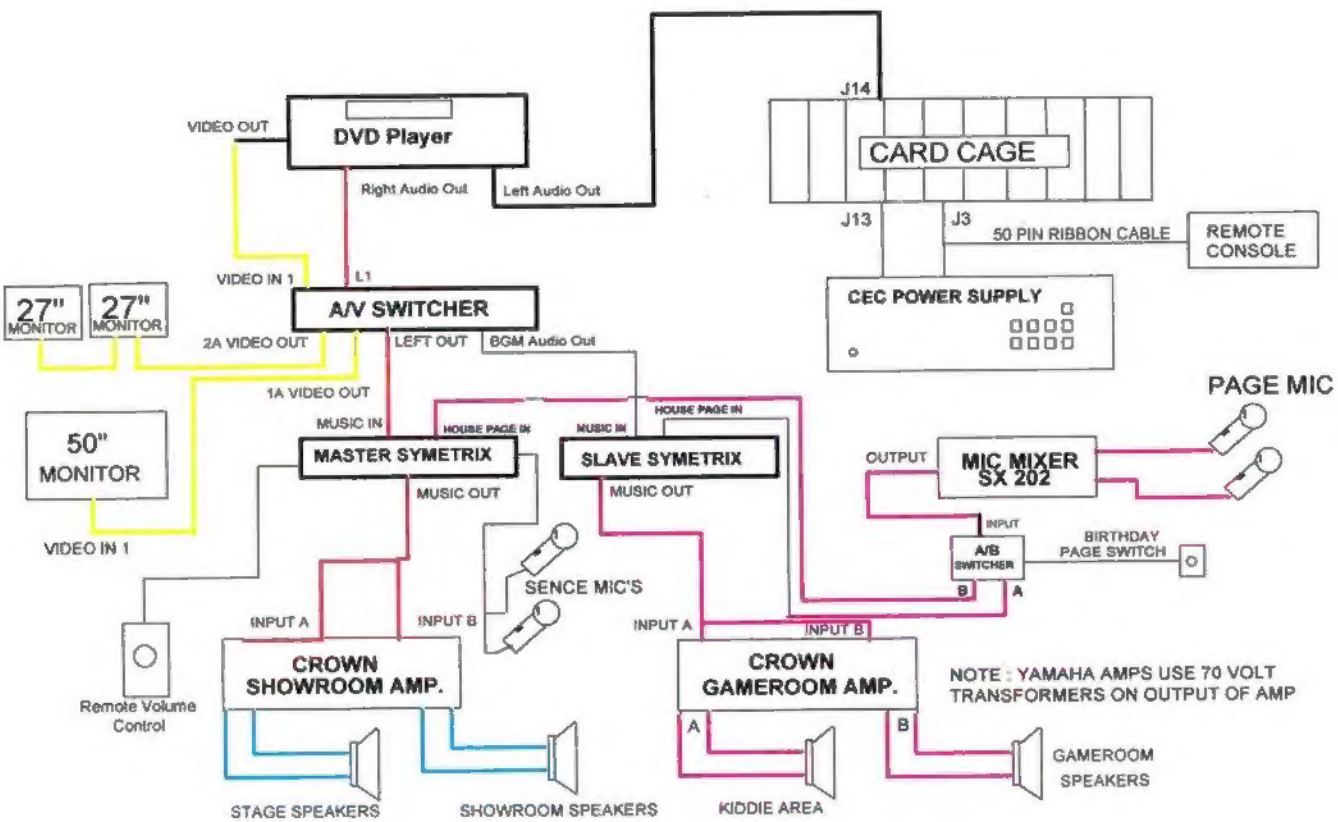
Diagnostics

1. Using the DVD remote press the Menu Key.
2. A Menu should now be displayed on the Monitor. Using the arrow key highlight the option Diagnostics and then press the **"Select Key".**
3. The Monitors will then display important information regarding your show and then begin with CEC diagnostics.
4. You can, using the DVD remote fast forward to the Character you would like to perform diagnostic on.

Original Show Audio and Video Layout



New DVD Show Audio and Video Layout



CHUCK E. CHEESE'S CEC-STAGE DVD CONVERSION GUIDE

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